

3/12/01

Sheet 1 of 5

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.  QCPA363DIVC1	SERIAL NO.  UNKNOWN
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				APPLICANT SERGE WILLENGER ET AL	
				FILING DATE HEREWITH	GROUP UNKNOWN 2661
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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
RNV	AA 5 2 9 9 2 2 9	3/29/94	Zscheile et al.	375	1	1/29/93
RNV	AB 5 2 8 3 7 8 0	2/1/94	Schuchman et al.	370	50	10/18/90
RNV	AC 5 2 6 3 0 5 0	11/16/93	Sutterlin et al.	375	1	9/9/92
RNV	AD 5 2 5 8 9 8 3	11/2/93	Lane et al.	370	118	12/18/91
RNV	AE 5 2 1 2 6 8 4	5/18/93	MacNamee et al.	370	24	8/30/90
RNV	AF 5 1 3 6 5 8 6	8/4/92	Greenblatt	370	110.4	12/4/89
RNV	AG 5 1 0 3 4 5 9	4/7/92	Gilhousen et al.	375	1	6/25/90
RNV	AH 5 1 0 1 5 0 1	3/31/92	Gilhousen et al.	455	33	11/7/89
RNV	AI 5 0 6 8 8 4 9	11/26/91	Tanaka	370	85.5	10/6/89
RNV	AJ 5 0 5 6 1 0 9	10/8/91	Gilhousen et al.	375	1	11/7/89
RNV	AK 5 0 2 2 0 4 6	6/4/91	Morrow, Jr.	375	1	14/14/89

## FOREIGN PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
RNV	AL 0 4 4 4 5 9 2	2/26/91	EPO	Shinmiyo, Saburo	H04B	7/212
	AM 0 4 1 8 8 6 5	9/19/90	EPO	Onoe, Seizo	H04L	12/56
	AN 0 4 1 2 5 8 3	3/25/86	EPO	Goode et al.	H40B	1/56
	AO 2 1 8 2 5 2 8	10/17/86	UK	Zheng Feng Huang	H04J	3/16C
	AP 2 0 2 2 3 6 5	5/30/79	UK	Mehmet Esin Uslug	H04Q	3/06

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

RNV	AR *	Advanced Engineering Mathematics, "Orthogonal Sets of Functions/Chapter 4", Erwin Kreyszig, pp. 186-190, John Wiley & Sons, Inc.
	AS	
	AT	
EXAMINER <i>Robert A. W. Wilson</i>		DATE CONSIDERED 3/1/06
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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RTH	AA 5 1 5 9 6 0 8	10/29/92	Falconer et al.	375	1	8/29/91
RTH	AB 5 1 5 7 6 7 2	10/20/92	Kondou et al.	371	43	3/14/90
RTH	AC 5 0 0 3 5 3 3	3/26/91	Watanabe	370	85.5	7/25/89
RTH	AD 4 9 3 9 7 4 5	7/3/90	Kirimoto et al.	375	1	8/28/89
RTH	AE 4 9 3 3 9 5 2	6/12/90	Albriex	375	1	4/4/89
RTH	AF 4 9 0 1 3 0 7	2/13/90	Gilhousen et al.	370	18	10/17/86
RTH	AG 4 8 7 2 2 0 0	10/3/89	Jansen	380	34	4/15/88
RTH	AH 4 8 1 3 0 4 0	3/14/89	Futato	370	111	10/31/86
RTH	AI 4 7 6 5 7 5 3	8/23/88	Schmidt	379	60	3/3/87
RTH	AJ 4 7 3 0 3 4 0	3/8/88	Frazier, Jr.	375	1	10/31/80
RTH	AK 4 6 8 8 0 3 5	8/18/87	Gray et al.	340	825.52	7/16/86

## FOREIGN PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
RTH	AL 9 1 0 7 0 3 0	10/19/90	PCT	Nolan, Michael, P. et al.	H04J	3/06
	AM 0 5 6 4 9 3 7	10/13/93	EPO	Roke Manor Research Ltd.	H04B	7/26
	AN 9 4 0 6 2 1 8	3/17/94	PCT	Telefonaktbolaget LM Ericsson.	H04B	7/005
	AO 2 2 7 3 0 0 9	6/1/94	UK	Motorola GmbH.	H03G	3/20

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
RNN	AA	4 6 7 2 6 5 8	6/9/87	Kaverad et al.	379	63	10/23/86
RNN	AB	4 6 4 1 3 2 2	2/3/87	Hasegawa	375	1	10/18/84
RNN	AC	4 6 3 5 2 2 1	1/6/87	Kerr	364	821	1/18/85
RNN	AD	4 5 8 0 2 6 2	4/1/86	Naylor et al.	371	5	12/1/83
RNN	AE	4 4 9 5 6 4 8	1/22/85	Giger	455	73	12/27/82
RNN	AF	4 4 7 2 8 1 5	9/18/84	Gutleber	375	34	9/27/82
RNN	AG	4 4 6 0 9 9 2	7/14/84	Gutleber	370	19	11/4/82
RNN	AH	4 3 0 1 5 3 0	11/17/81	Gutleber	370	18	12/18/78
RNN	AI	4 2 9 1 4 0 9	9/22/81	Weinberg et al.	375	1	7/18/78
RNN	AJ	4 2 2 5 9 7 6	9/30/80	Osborne et al.	455	226	2/28/78
RNN	AK	4 2 2 2 1 1 5	9/9/80	Cooper at al.	375	1	3/13/78

## FOREIGN PATENT DOCUMENTS

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FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.  QCPA363DIVC1	SERIAL NO.  UNKNOWN 091804621
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
RW	AA	4 1 2 3 7 1 8	10/31/78	Lampert et al.	325	474	9/27/71
RW	AB	4 1 1 2 2 5 7	9/5/78	Frost	179	2EB	3/24/77
KW	AC	4 0 5 2 5 6 5	10/4/77	Denmer Dix Baxter et al.	179	1.5 S	5/28/75
KW	AD	3 7 1 5 5 0 8	2/6/73	Blasbalg	179	15BC	9/15/67
KW	AE	3 3 1 0 6 3 1	3/21/67	Brown	179	15	6/3/63
KW	AF	5 1 2 8 9 6 5	07/07/92	Henriksson	455	69	
KW	AG	5 3 9 0 3 3 8	2/14/95	Bodin et al.	455	69	
KW	AH	5 3 0 5 4 6 8	4/19/94	Bruckert et al.	455	69	
KW	AI	5 4 6 5 3 9 9	11/7/95	Oberholtzer et al.	455	69	
KW	AJ	5 2 2 0 6 7 8	6/15/93	Feei	455	69	
KW	AK	5 4 8 7 1 8 0	1/23/96	Ohtake	455	69	

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KWW	AA	5	2	4	5	6	2	9		9/14/93	Hall			
KWW	AB	5	2	6	7	2	6	2		11/30/93	Wheatley, III.			
KWW	AC	5	3	8	3	2	1	9		1/17/95	Wheatley, III et al.			
KWW	AD	5	2	0	4	8	7	6		4/20/93	Bruckert et al.			
KWW	AE	5	0	2	9	3	3	1		7/2/91	Heichler et al.			
KWW	AF	5	4	4	2	6	2	5		8/95	Gitlin et al.			
KWW	AG	5	9	9	1	2	8	4		11/99	Willenegger et al			
KWW	AH	5	7	1	0	9	8	2		1/98	Laborde et al			
KWW	AI	5	5	7	9	3	7	3		11/96	Jang			
KWW	AJ	5	5	7	0	3	5	3		10/96	Keskitalo et al			
KWW	AK	6	0	1	8	5	4	4		1/00	Kotzin et al			
KWW	AL	5	9	3	0	6	8	4		7/99	Keskitalo et al			

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*EXAMINER INITIAL		DOCUMENT NUMBER								DATE	COUNTRY	NAME	CLASS	SUB CLASS
KWW	AL	9	6	0	4	7	1	8		2/15/96	PCT	Qualcomm Inc.		
	AM	9	5	1	9	6	6	4		7/20/95	PCT	Nokia		
	AN	0	6	8	2	4	1	8		11/15/95	EPO	NTT Mobile Comm.		
✓	AO	2	3	0	0	5	4	6		11/6/96	UK	Samsung		
	AP													

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